Notebook, N-92-09-28

This notebook contains dated entries from September 1892. It was used by John Ott for notes and drawings regarding magnetic ore separation experiments. The spine is labeled "134." The book contains 15 numbered pages. Several pages were removed before the book was paginated.

Blank pages not filmed: 1, 14-15.

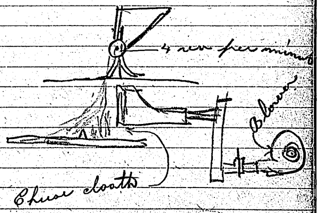
Sept 28 92

Edison Laboratory
Orange
N.J.

Sep 30 92

Experiment to separate Magnetic Ore that come from the first Mill of Ogden from the dust

The following was the Machine


4 rev per minute
Blower
Cheese cloath

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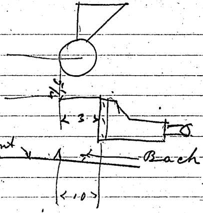

Found that the ore contained large sand and small the large sand was heavier or as heavy as most of the magnetic and therefore would fall back among the magnetite, the light magnetic would blow over with the light sand or dust.

Weighed out the diff proportions, and

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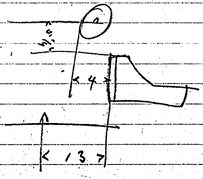
found the following

Sand	Magnetic
4.500 M.G.	25.420

Second



Sand	Mag
.2.660	17394

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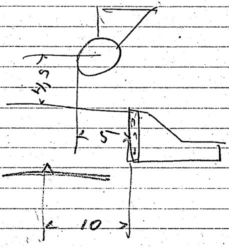
Shield



Quad
2.414

Mag
16 800

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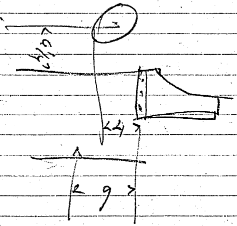
Fourth



Load	Mag
2640	17380

Weighed one lot as we received it, it had,

Load 4.060 Mag 15.730

This shows that
half the sand is takin
out but we have
a lot fine Magnetic
the same time
I should judge
about the same
amount of not more
then what we take
out of sand

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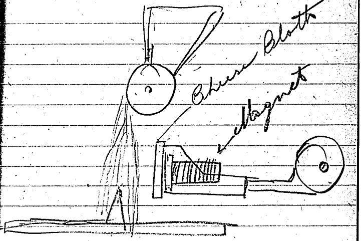
Cheese Cloth
Magnet